CAST
(In Order of Appearance)

Jake Lonergan	DANIEL CRAIG
Alice	ABIGAIL SPENCER
Wes Claiborne	BUCK TAYLOR
Luke Claiborne	MATT TAYLOR
Mose Claiborne	COOPER TAYLOR
Meacham	CLANCY BROWN
Percy Dolarhyde	PAUL DANO
Jed Parker	CHRIS BROWNING
Nat Colorado	ADAM BEACH
Doc	SAM ROCKWELL
Maria	ANA DE LA REGUERA
Emmett Taggart	NOAH RINGER
Deputy	BRIAN DUFFY
Ella Swenson	OLIVIA WILDE
Sheriff John Taggart	KEITH CARRADINE
Charlie Lyle	BRENDAN WAYNE
Ed	GAVIN GRAZER
Roy Murphy	TOBY HUSS
Little Mickey	WYATT RUSSELL
Saloon Patron	JIMMY JATHO
Woodrow Dolarhyde	HARRISON FORD
Greavy	KENNY CALL
Hunt	WALTON GOGGINS
Bronc	JULIO CESAR CEDILLO
Gang Member	GARRET JAMES NOEL
Pat Dolan	DAVID O'HARA
Red	TROY GILBERT
Bull McCade	CHAD RANDALL
Jake's Gang Member	SCOUT HENDRICKSON
Grey Wolf	RAOUL TRUJILLO
Apache Warrior 1	DAVID MIDTHUNDER
Apache Warrior 2	MOSES BRINGS PLENTY
Apache Singers	PHILLIP PIKE
	CALUM BLAYLOCK
Medicine Man	PAUL ORTEGA
Apache Dancers	NATHANIEL CHEE
	ROBYN SIMMONS
	SIMON CHONESKA
	DAVID CHEE
	VONDA TSO
	LARIAT GERONIMO

	FREDDIE APACHE
	OLIVER ENJADY
Pianist	HOYLE OSBORNE
Fiddler	REX RIDEOUT
Stunt Coordinator	TOM HARPER
2nd Unit Stunt Coordinator	FREDDIE HICE
Jake's Stunt Double	BENJAMIN COOKE
Stunts	BOBBY ALDRIDGE
	JC AUGARE
	JAMES A. AUGARE
	BRIAN BROWN
	WILLIAM PAUL BROWN
	RICHARD BUCHER
	CHRIS CARLSON
	CRAIG CONAWAY
	JONATHAN CRAZYBULL
	JEFF DASHNAW
	JJ DASHNAW
	DANNY EDMO
	DAN FORCEY
	TODD FORSBERG
	RAMON FRANK
	SEAN ROWDY GARDNER
	DEREK GRAF
	TAD GRIFFITH
	MICHAEL HANSEN
	RYAN HAPPY
	RILEY HARPER
	WILL HARPER
	GRAY WOLF HERRERA
	CASSIDY HICE
	DYLAN HICE
	ROBERT JAUREGUI
	SHAWN JENKINS
	SHAWN KAUTZ
	ROBERT D. KING
	DEREK LACASA
	SHAWN PATRICK LANE
	MALOSI LEONARD
	MATTHEW LEONARD
	DUTCH LUNAK
	BENNY MANNING
	CLIFF McLAUGHLIN
	GREG MILLER
	HEIDI MONEYMAKER
	MATTHEW THOMAS MOSS
	CASEY O'NEILL
	K.C. PETERSON
	ED PINKARD
	BLAKE POCQUETTE
	JIMMY PRATT
	PAT RICOTTI
	ERIN RICOTTI-HICE
	JASON RODRIGUEZ
	ROD RONDEAUX

DAVID SCHULTZ
WESLEY SCOTT
KYLE SEGURA
DOUGLAS SNIVELY
COY SPEER
CODY JAY THORNBURY
DEVON TORRES
STEVE UPTON
AARON WALTERS
MIKE WATSON
GLENN SCOTT WILDER
KEITH WOULARD
DANNY WYNANDS

CREW

Directed by	JON FAVREAU
Screenplay by	ROBERTO ORCI & ALEX KURTZMAN & DAMON LINDELOF and MARK FERGUS & HAWK OSTBY
Screen Story by	MARK FERGUS & HAWK OSTBY and STEVE OEDEKERK
Based on Platinum Studios' "Cowboys and Aliens" by	SCOTT MITCHELL ROSENBERG
Produced by	BRIAN GRAZER RON HOWARD ALEX KURTZMAN ROBERTO ORCI SCOTT MITCHELL ROSENBERG
Executive Producers	STEVEN SPIELBERG JON FAVREAU DENIS L. STEWART BOBBY COHEN RANDY GREENBERG RYAN KAVANAUGH
Director of Photography	MATTHEW LIBATIQUE ASC
Production Designer	SCOTT CHAMBLISS
Edited by	DAN LEBENTAL ACE JIM MAY
Costume Designer	MARY ZOPHRES
Special Makeup and Animatronics	SHANE MAHAN
Visual Effects Supervisor	ROGER GUYETT
Co-Producers	CHRIS WADE DAN FORCEY KAREN GILCHRIST
Music by	HARRY GREGSON-WILLIAMS
Casting by	SARAH HALLEY FINN CSA
Unit Production Manager	BASIL BRYANT GRILLO
Unit Production Manager	DENIS L. STEWART
First Assistant Director/Co-Producer	K.C. HODENFIELD
Second Assistant Director	CHRIS CASTALDI
Second Unit Directors	TERRY LEONARD

	ROGER GUYETT
Visual Effects Producer	KIMBERLY NELSON LOCASCIO
ILM Co-Visual Effects Supervisor	EDDIE PASQUARELLO
ILM Animation Supervisor	MARC CHU
ILM Visual Effects Producers	PETER NICOLAI
	STEPHANIE HORNISH
Platinum Studios	BRIAN ALTOUNIAN
	FRED VAN LENTE
	ANDREW FOLEY
Production Supervisor	NOELLE GREEN
Supervising Art Director	CHRIS BURIAN-MOHR
Art Director	LAUREN POLIZZI
Assistant Art Directors	HARRY OTTO
	MARISA FRANTZ
Set Decorator	KAREN MANTHEY
Assistant Set Decorator	AMANDA MOSS SERINO
“A” Camera Operator/Steadi-Cam	PETER ROSENFELD
“B” Camera Operators	JOEY CICIO
	CHRIS MOSELEY
“C” Camera Operator	MAGELA CROSIGNANI
“A” Camera First Assistant	MARK SANTONI
“B” Camera First Assistant	MATT STENERSON
“C” Camera First Assistant	CHRIS TOLL
“A” Camera Second Assistant	JOHN WOODWARD
“B” Camera Second Assistant	JOEY O’DONNELL
“C” Camera Second Assistants	TOM BARRIOS
	CHARLES NEWBERRY
Loader	HANNAH LEVIN
Still Photographer	ZADE ROSENTHAL
Script Supervisor	TRUDY RAMIREZ
Production Sound Mixer	MARK ULANO CAS
Boom Operator	THOMAS W. HARTIG
Utility Sound Technician	DAVID BROWNLOW
Video Assist	JAY M. HUNTOON
Second Video Assist	BOB STERRY
	SCOTT WETZEL
Chief Lighting Technician	MIKE BAUMAN
Assistant Chief Lighting Technician	MICHAEL BONNAUD
Lighting Board Programmers	SCOTT BARNES
	JOSH THATCHER
Electricians	JOHN AMORELLI
	DIEGO ARROYO
	TOMMY DANGCIL
	DONNY DEAN DAVIDSON
	JOHN GORMAN
	CHRIS GRIFFIN
	RAPHAEL FREUD
	MICHAEL LYON
	LOUIS MORENO
	MICHAEL JAY SCHWARTZ
	MICHAEL WITCZAK
Rigging Gaffers	JOHN MANOCCHIA
	JAY KEMP
Best Boy Rigging Electric	ANTHONY OFRIA

	CHRIS JOEHNK
Key Grip	TANA DUBBE
Best Boy Grips	SCOTT HATLEY
	KURT KORNEMAN
“A” Dolly Grip	JOHN MANG
“B” Dolly Grip	MATT HOROCHOWSKI
“C” Dolly Grips	CURTIS SMITH
	IAN HANNA
Libra Head Tech	AARON YORK
Hydrascope Tech	JASON SUTTON
G3 Head Tech	JAMES RAZO
Grips	JEFF BETTIS
	BRIAN BRANTON
	JAMES COFFIN
	WILLIAM CLOUTER
	MORGAN DAVIS
	DWIGHT DOLLINS
	WAYNE DUNCAN
	JASON ELLIOTT
	TOBIN ESPESET
	ADAM FLORES
	MICHAEL KOEPKE
	BRIAN MALONE
	LEA MILLER
	TIM SHINKLE
Rigging Key Grip	CHARLEY GILLERAN
Best Boy Rigging Grip	KEVIN J. FAHEY
Property Master	RUSSELL BOBBITT
Assistant Property Master	HECTOR GONZALEZ
Props Assistants	EARL THIELAN
	PAUL BAKER
	LAWRENCE TOLLE
Armorer	BRETT ANDREWS
Special Effects Supervisor	DAN SUDICK
SFX Supervising Foreman	THOMAS PAHK
SFX Forepersons	GINTAR REPECKA
	ERIC COOK
	DAVID HERON
	JOEL MITCHELL
	ROBERT OLMSTEAD
	CHRISTY SUMNER
SFX Technicians	ROY AUGENSTEIN
	MARC BANICH
	DAVID BOUCHER
	MIKE DERRY
	RODERIC DUFF
	DAVID ELAND
	CORY FAUCHER
	STEVEN FICKE
	ERIK HARALDSTED
	RAYMOND HOFFMAN
	TODD JENSEN
	ALBERT MARANGONI
	DAVID MARTEN
	BILL McGINLEY

	JESSE NOEL
	DAVID WOOD
SFX Modeler Gangboss	CARLO PEREZ
SFX Office Administrator	ALLISON GAINZA
Assistant Costume Designers	JENNY EAGAN
	MARJORIE McCOWN
Costume Supervisor	HELEN MONAGHAN
Key Costumer	DAN NORTH
Set Costumers	PETER WHITE
	DEBBIE TRAVIS
	DAVID FERNANDEZ
	JESSE TREVINO
	MARA HERDMANN
	CLAIRE SANDRIN
	MARIA BENTFIELD
	KATE CZARK
Costumer for Mr. Ford	BARNABY SMITH
Costumers	DIANA EDGMON
	ROCIO ESTRADA BLACKWELL
	LAUREN PRATTO
	DEBORAH AMBROSINO
	LETICIA SANDOVAL
Buyer	MAUREEN O'HERON
Head Ager/Dyer	CAROL DEMARTI
Makeup Department Head	JANE GALLI
Key Makeup Artist	KAREN McDONALD
Makeup Artists	MICHAEL MOSHER
	COREY WELK
Prosthetic Makeup Artist	GEORGIA ALLEN
Makeup Artist for Mr. Craig	DONALD MOWAT
Makeup Artist for Mr. Ford	BILL CORSO
Background Makeup Supervisor	SVETLANA BRITT
Hair Department Head	GLORIA CASNY
Assistant Hair Department Head	ROX HODENFIELD
Hairstylist for Mr. Craig	ZOE TAHIR
Hairstylist for Mr. Ford	MICHAEL MOORE
Hairstylist	BERLINDA CANTU LEWIS
Production Executive	SHELLY STRONG
Production Coordinator	ANNIE JABLONSKI
Assistant Production Coordinators	DEBBIE MERRITT
	FAITH STRONGHEART
Travel Coordinator	CORY BOL
Production Secretary	JOHN NACLERIO
Additional Production Secretary	MO STEMEN
Production Researcher	GUY MARTIN
Second Second Assistant Director	MARVIN WILLIAMS
Additional Second Assistant Director	MIKE TSUCALAS
Production Controller	JIM TURNER
Production Accountant	KATHRYN MINDALA
First Assistant Accountants	SANDY YEARY
	SHERI ST. LAWRENCE
	NICK COSTANTINO
Second Assistant Accountants	MARGO ROMANO
	LISA FURIA

	GEORGE GOODWIN
	MELISSA MAUS
	SUZANNE SHUGARMAN
	JAN UTSTEIN-O'NEILL
	NICOLE LUTHER
Accounting Clerks	VINCENT VESCIO
	NATASHA TEWAHEFTEWA
Construction Accountant	SANDRA WHITE
	JERRY CARVILLE
Payroll Accountant	LORA UMPHRESS
Assistant Payroll Accountants	JUNIE KIM
	BEATRIZ MADRIGAL
	DIONNE LOTIVIO
Payroll Clerk	LOGAN HARD
Postproduction Accountant	MARIA DEVANE
Location Manager	MICHAEL DELLHEIM
Key Assistant Location Manager	ROWAN STANLAND
Assistant Location Manager	JASON BONNELL
Locations Assistants	BRYAN PERKAL
	SHAUN STEAGALL
	GILLIAN LUHMAN
Production Safety Executive	JIM ECONOMOS
Casting Executive	LESLEE FELDMAN
Casting Associates	TAMARA HUNTER
	LESLIE-ANN REALE
Casting Assistant	PHILIP WALTON
Extras Casting	RICH KING
	ELIZABETH GABEL
Extras Casting Assistant	LORRIE LATHAM
Native American Casting	RENE HAYNES
Native American Casting Assistant	SUSAN ENGLAND
Unit Publicist	DEBORAH WULIGER
Historical Consultant	DR. PAUL HUTTON
Apache Consultant	DR. SCOTT RUSHFORTH
Apache Translator	OLIVER ENJADY
Dialect Coaches	MICHAEL BUSTER
	JUDI DICKERSON
BTS Camera Operator	SEAN RICIGLIANO
Art Department Coordinator	LINDSAY GOOD
Set Designers	LORRIE CAMPBELL
	JOHN CHICHESTER
	KEVIN CROSS
	MARK HITCHLER
	TETSUO KADONAGA
	AMAHL LOVATO
	ANNE PORTER
	SUZAN WEXLER
Concept Artists	JAMES CLYNE
	PHIL SAUNDERS
	CHRISTOPHER ROSS
Illustrators	RYAN MEINERDING
	ANDREA DOPASO
	RICK BUOEN
Storyboard Artists	DAVID LOWERY

	JOHN MANN
	ED NATIVIDAD
	MARC VENA
	RYAN WOODWARD
	PATRICK RODRIGUEZ
	JAMES ROTHWELL
Modelmakers	JEFF FROST
	JASON MAHAKIAN
Graphic Designer	CLINT SCHULTZ
Art Department Researcher	NATASHA GERASIMOVA
Leadmen	SCOTT BOBBITT
	ERIC RAMIREZ
	ERNEST SANCHEZ
Drapery Foreman	JAY SMITH
Set Dressers	GREG LYNCH
	RON SICA
	LANCE CHEATHAM
	DAVE SERVOSS
	MATT MILLER
Set Dressing Fixtures	ROBERT SICA
On-Set Dressers	SHANNON BROCK
	COLIN ZAUG
Set Decoration Buyer	EDWARD McLOUGHLIN
Set Decoration Coordinator	ANNE TOBIN
Set Decoration Researcher	SKYE STEWART-SHORT
Construction Coordinator	CHRIS SNYDER
Construction Forepersons	DALE SNYDER
	EIRIK STOUT
	DENNIS RICHARDSON
	ROBIN BLAGG
	W. SCOTT MASON
Propmaker Gang Boss	GARRY BAILEY
Welding Foreman	BERNARD KUCIA
Welding Gang Boss	RUBEN ACUNA
Greens Supervisor	RANDY MARTENS
Greens Foreman	STEVE SICKLES
On-Set Greens Foreman	CHRIS MORENTE
First Greensman	CHRIS MARTIN
Paint Supervisor	HANK GIARDINA
Paint Forepersons	CLIFF BERNS
	FREDERIKA GRAY
	MARK HUDSON
	NEIL RUST
Paint Gang Bosses	MIGUEL GURULE
	ALEXANDER PANOV
Standby Painter	CHRIS SAMP
Head Sculptor	FRED ARBEGAST
Sculptor Foreman	CHARLES CHESSER
Sculptor Gang Boss	CHARLES VARGA
Plaster Supervisor	ADAM L. BARKER
Plaster Foreman	BRIAN FERNANDEZ
Labor Foremen	SCOTT LODWIG
	EDDIE ESPARZA
Toolman	FREDRIC MEININGER
On-Set Medic	DOUG ACTON

Medics	DAVID BETHEL
	MARY LAMAR MAHLER
	DIANE MINFA
	DALE O'MALLEY
Transportation Coordinator	JOHN ORLEBECK
Transportation Captain	JEFF COUCH
Transportation Co-Captain	AL KAMINSKY
Transportation Captains	JAMES BOYSEN
	BILLY RAY, JR.
Dispatcher	RUPERT COLE
DOT Administrator	CASSIE RUSSELL
Key Craft Service	LISA VAN ALLEN
	IBRAHIM BRIAN BULINSKI
Craft Service Assistants	DAVE DORN
	KHALIC NANCE
	METI KUSARI
Caterer	MARIO'S CATERING
Boss Wrangler	CLAY LILLEY
Wrangler Gang Boss	NORMAN MULL
Wranglers	SCOTTY AUGARE
	JESSE BRACKENBURY
	KYLE BRAMWELL
	MARK BISHOP
	STEVE HANNA
	JAY HOUSTON
	DUTCH LUNAK
	BENNY MANNING
	RALPH ORTEGA
	RIBIN PETTIGREW
	EDWARD PINKARD
	MATT THOMPSON
	BYRON WILKERSON
Dog Trainers	EADIE MCMULLEN
	BETTY VARGO
Production Resources	JOSHUA RAVETCH
Production Clearances	CLEARED BY ASHLEY, INC.
	ASHLEY KRAVITZ
Assistant to Mr. Grazer	DANIELLE ZLOTO
Assistant to Mr. Howard	LOUISA VELIS
Assistant Mr. Orci	TIM JONES
Assistant to Mr. Kurtzman	KIM CAVYAN
Assistant to Mr. Rosenberg	TREVOR KRESS
Assistant to Mr. Stewart	TRACY MCCREARY
Assistant to Mr. Cohen	WHITNEY BICKERS
Assistant to Mr. Favreau	JOHN BARTNICKI
Associate to Mr. Spielberg	KRISTIE MACOSKO KRIEGER
Assistant to Mr. Spielberg	SAMANTHA BECKER
Assistant to Mr. Craig	JESSICA OTTO
Assistant to Mr. Ford	JOHN HUMBER
Production Assistants	NESTOR ARCE
	ELI BENAVIDEZ
	ANDREW CANTON
	ALICIA CASTRO CHICOL
	CHRIS CRAINE
	KIT CONNERS

	MICHEL DEASCENTIIS
	JOSHUA FRITEL
	SHAWN FIELDS
	ALINA GATTI
	COLIN GARZA
	RICHARD HELLER
	ERIK JEPSEN
	DANIELLE KRUDY
	BRYAN KURTZMAN
	EMILY NIETZEL
	LAURA O'KEEFE
	WILL OLSEN
	CORY PEARSON
	TIFFANY PATTERSON
	RACHAEL PETERSON
	LIZ PHILLIPS
	MATT QUINN
	MORGAN RAMSER
	MICHAEL SAUNDERS
	JASON SEIGAL
	IAN SIMON
	SUSIE TALBOT
	ALEXIS TANASOCA
	FREYA TILLEM
	ADAM VIGIL
	CARLOS VILLAREAL
DGA Trainee	CRAIG LANGUS
Stand-Ins	AARON DICKENSON
	TIM CARLSON
	ALISON COX
	JEREMIAH WOOD
	DENISE HARKINS
Camera Equipment and Systems	CHAPMAN/LEONARD STUDIO EQUIPMENT, INC.
Postproduction Executive	MARK GRAZIANO
Postproduction Supervisor	ERICA FRAUMAN
1st Assistant Editors	SANDRA GRANOVSKY
	DAWN MICHELLE KING
VFX Editor	PAUL WAGNER
Assistant Editors	STACEY FREDERICK
	MICHAEL POLIER
	BRITNI ZIEGLER PETERS
Postproduction Coordinators	HELEN PAI
	JUSTIN OSTENSEN
Postproduction Assistant—Los Angeles	RACHEL WATSON
Postproduction Assistant—Santa Fe	FRANCISCUS P. LAIMBÖCK
Postproduction Sound Services by COMPANY	SKYWALKER SOUND, A LUCASFILM LTD.
Supervising Sound Editor	FRANK EULNER
Re-recording Mixers	CHRISTOPHER BOYES
	LORA HIRSCHBERG
Sound Designers	CHRISTOPHER BOYES
	DAVID FARMER

Sound Effects Editors	J.R. GRUBBS
	SCOTT GUITTEAU
Dialogue Editors	MARSHALL WINN
	MATTHEW HARTMAN
ADR Supervisor	MARILYN McCOPPEN
Foley Editors	JIM LIKOWSKI
	BOB SHOUP
	LUKE DUNN GIELMUDA
Assistant Supervising Sound Editor	ANDRÉ FENLEY
Assistant Sound Effects Editor	DAVID CHRASTKA
Foley Artists	JANA VANCE
	DENNIE THORPE
Foley Mixer	FRANK RINELLA
Foley Recordist	CHRISTOPHER BARRON
Assistant Re-recording Mixers	SCOTT R. LEWIS
	NATHAN NANCE
ADR Recorded at	TODD-AO WEST
Digital Audio Transfer	MARCO ALICEA
	MICHAEL LEVINE
Recordists	TONY VILLAFLOR
	CHRISTOPHER BARRON
Video Services	JOHN COUNTRYMAN
	JOHN TORRIJOS
Engineering Services	CLAYTON WOOD
	DOUG FORD
	JAMES AUSTIN
	HOWIE HAMMERMANN
Digital Editorial Services	DANNY CACCAVO
	NOAH KATZ
	DMITRI MAKAROV
Client Services	EVA PORTER
	MIKE LANE
	SHELLY NAPOLEAN
Postproduction Sound Accountant	RENÉE RUSSO
Re-recording Services Provided by	TODD-AO WEST
Mix Technicians	DREW WEBSTER
	STEVE SCHATZ
ADR Mixer	GREG STEELE CAS
ADR Recordist	GREG ZIMMERMAN
ADR Voice Casting	BARBARA HARRIS
Music Executive	JENNIFER HAWKS
Music Coordinators	TORI FILLAT
	CHRISTOPHER HOGENSON
Music Editor	TANYA NOEL HILL
Orchestra Conducted by	HARRY GREGSON-WILLIAMS
Music Editor	RICHARD WHITFIELD
Assistant Music Editor	MERI GAVIN
Additional Music	HALLI CAUTHERY
Music Score Mixer	MALCOLM LUKER
Music Scoring Engineer	JAMIE LUKER
Additional Music Engineer	SLAMM ANDREWS
Musical Technical Engineer	COSTA KOTSELAS

Orchestrations by	LADD MCINTOSH
Music Preparation	BOOKER WHITE
Score Recordist	ADAM MICHALAK
Scoring Crew	MARK ESHELMAN
	GREG LOSKORN
	DAVID MARQUETTE
Orchestra Contracted by	PETER ROTTER
Vocal Contractor	JASPER RANDALL
Electric Cello	MARTIN TILLMAN
Guitars	HEITOR PEREIRA
	GEORGE DOERING
	TONY CLARKE
Additional Drum Programming	HYBRID
Score Recorded at	SONY PICTURES STUDIOS
	STREISAND SCORING STAGE
Score Mixed at	WAVECREST STUDIOS
Associate Visual Effects Producer	THOMAS ELDER-GROEBE
Visual Effects Coordinator	ISHA SUNFLOWER DOWNS
Visual Effects Assistant	ANDRE SLAUGHTER

Second Unit

Director of Photography	PAUL HUGHEN
Unit Production Manager	RAY ZIMMERMAN
First Assistant Directors	MATT REBENKOFF
	DAVID TICOTIN
Second Assistant Director	KRISTINA PETERSON
Second Second Assistant Director	JAI JAMES
Additional Second Assistant Director	STEVE DALE
Camera Operators	MICHAEL WALKER
	KENT HARVEY
	BOB SCOTT
	DALE MYRAND
	CRIS LOMBARDI
First Assistant Camera	RICHIE MASINO
	LOUIE DEMARCO
	KEVIN POTTER
	BUTCH PIERSON
Second Assistant Camera	TODD AVERY
	TONY MULLER
	GREG KURTZ
	SCOTTY WHITBREAD
Loaders	TRISTAN S. CHAVEZ
	KELLY SIMPSON
Script Supervisors	KATHY MCHUGH
	MAMIE MITCHELL
Sound Mixers	SHAWN HOLDEN
	EDWARDO SANTIAGO
Boom Operator	CARL FISCHER
Video Assist	BRAD RALSTON
	FRANK EYERS
	OLIVER CLARK
Chief Lighting Technician	RICK WEST
	DAN RIFFELL

Assistant Chief Lighting Technician	GIDEON MARKHAM
Dimmer Board Operator	BENOIT RICHARD
Electricians	JOE BACHARKA
	DAVE LUJAN
	CARL VIGIL
Key Grips	JIM SHELTON
	FRANK MONTESANTO
Best Boy Grips	GENO KERRY
	PAUL SCHMIDT
	JOHN SUDTELL
Dolly Grip	ROBERT PRESTON
Grips	ANTHONY BARTRA
	GREG HEWETT
	JASON PRENTICE
	JOHN SNEESBY
Property Masters	JAMES KRONING
	DAVID BAUMANN
Assistant Property Masters	ERIC DENNIS
	GREG BENGE
Special Effects Foreman	MIKE EDMONSON
Key Set Costumer	TONY ALMARAZ
Set Costumer	EMILY DOMINGUEZ
Makeup Supervisor	TAYLOR ROBERTS
Hair Supervisor	CARMEN JONES
Key Hairstylist	JULES HOLEDEN
Hairstylist	TERRY BALIEL
Production Coordinators	ELAINE THOMPSON
	KYNDALL HOLSTEAD
First Assistant Accountant	JODY BEAUDIN
Craft Service	CARMEN MATTHEWS
	TRAVIS STEAGALL
	PETER CHASE
	TERESA NANCE
Wrangler Gang Boss	DAVEY ROGERS
On-Set Painters	FREDERIKA GRAY
	MEG BLISSELL
On-Set Carpenters	DENNIS RICHARDSON
	PETE ANDERSON
	JEFFERY A. CHAVERS
Transportation Captain	RICK DAVIS
Transportation Co-Captain	JOSH FOLEY
Production Assistants	BRENDEN WEDNER
	CORRINE BUTLER
	BILL OSTROFF
	SARAH BYRDEN
	ANDREW AGUILAR
	ANN SHIMABUKURO
	PATRICK GIOVINAZZO
	KEN HARDEKOPF
	JACOB TOMKO
	ALEX LEE
	MATT FORTINO
Helicopter Pilots	KEVIN LAROSA, SR.
	KEVIN LAROSA, JR.

Aerial	DP DAVID NOWELL
Visual Effects and Animation by	INDUSTRIAL LIGHT & MAGIC, A LUCASFILM LTD. COMPANY

San Francisco/Singapore

ILM Digital Production Supervisor	MICHAEL DI COMO
ILM Visual Effects Associate Producer	ERIN DUSSEAULT
CG Supervisors	DANIEL PEARSON
	ROBERT WEAVER
Visual Effects Art Director	CHRISTIAN ALZMANN
Digital Model Supervisors	PAUL GIACOPPO
	BRUCE HOLCOMB
Viewpaint Supervisors	MARTIN MURPHY
	RON WOODALL
Creature Supervisor	KARIN COOPER
Digital Matte Supervisor	BARRY WILLIAMS
Layout Supervisor	JOHN LEVIN
Roto and Paint Supervisor	BETH D'AMATO
ILM Executive Producer	JILL BROOKS
CG Sequence Supervisors	CHASE COOPER
	LEANDRO ESTEBECORENA
	THOMAS FEJES
	JEFF GREBE
	GERALD GUTSCHMIDT
	ERICH IPPEN
	FRANCOIS LAMBERT
	TORY MERCER
	MARK NETTLETON
	GREG SALTER
	STEFANO TRIVELLI
	LEE UREN
Lead Animators	DERRICK CARLIN
	ANDY WONG
Animators	RYAN HOOD
	LOUIS JONES
	PETER KELLY
	JOE KSANDER
	CHRISTIAN LILIEDAHL
	SAMIR PATEL
	TRAVIS TOHILL
	CHRIS WALSH
	LAWRENCE WHITE
Digital Artists	JESSICA ALCORN
	CARLOS ANGUIANO
	LEIGH BARBIER
	JACOBO BARREIRO DOMINGUEZ
	KEVIN BELL
	JEREMY BLOCH
	PETER BOGATSKY
	DAN BORNSTEIN
	MICHAEL BREYMANN
	CHAD BUEHLER
	HOWARD CABALFIN

OWEN CALOURO
MARSHALL CANDLAND
HUEY CARROLL
TAMI CARTER
BERNARD CEGUERRA
KAI CHANG
PAUL CHURCHILL
PATRICK CONRAN
DAN COX
STUART CRIPPS
JANELLE CROSHAW
PETER DEMAREST
DONNA DUBUC-CURTIS
SELWYN EDDY III
RAÚL ESSIG
CONNY FAUSER
ROBB GARDNER
JOANNA GOSLICKA
MANUEL GUIZAR
DAVE HANKS
SHAWN HILLIER
DARIN HILTON
SHERRY HITCH
RYAN HOPKINS
ELOISA HONRADA
MICHAEL HONRADA
RYAN L. JONES
PATRICIA KAVANAUGH
BENJAMIN KREBS
ONDREJ KUBICEK
FRANKIE KWAK
DONNA LANASA
GARY LAURIE
KERRY LEE
MELISSA LIN
SIMON MARINOF
TIA MARSHALL
MARCEL MARTINEZ
WILL McCRATE
SHAWN MONAGHAN
DARYL MUNTON
MYLES MURPHY
SALIMA NEEDHAM
BETH ONSTAD
NIKITA PATEL
SCOTT PRIOR
MICHAEL RAMIREZ
RICARDO RAMOS
SHANE ROBERTS
MARCO ROLANDI
AMANDA RONAI
ALLEN ROSE
VICTOR SCHUTZ IV
JERRY SELLS
SHELDON SERRAO

	BEHNAM SHAFIEBEIK
	PAUL SHARPE
	MARK SIEGEL
	JOHN SIGURDSON
	RYAN SMITH
	JOHN STEWART
	SAM STEWART
	PRAPANCH SWAMY
	MASAHIKO TANI
	JOHN TESKA
	PASCALE VILLE
	ANDRES VITALE
	NANCEY WALLIS
	DANIEL WHEATON
	HOWIE WEED
	DAWN WELLS
	FELTUS WIRTZ, JR.
	FLORIAN WITZEL
	GARY WU
	EMRE YILMAZ
	DEAN YÜRKE
	HEIDI ZABIT
	RITA ZIMMERMAN
Visual Effects Associate Production Manager	HUI LING CHANG
Visual Effects Production Coordinators	LAUREN CARARA
	FLANNERY HUNTLEY
	SHELLEY MATSUTANI
Visual Effects Production Assistants	ASHLEY BETTINI
	JUSTIN TATSUO CHAN
	ANDREW EWERT
	TROY LOCHNER
Visual Effects Editors	TONY PITONE
	JENNI O'BYRNE
Concept Artist	DEVON CUTLER
Production Support	MELISSA ABAD
	KIM BIANCO
	LORI EREZUMA
	MONIQUE GOUGEON-DI COMO
	LAURA MOORE
	JOSHUA VIERS
Editorial and Technical Support	JOE ARDENT
	JEROME BAKUM
	CHARMAINE CHAN
	COLIN DOWNS-RAZOUK
	JULIAN SALVADOR
	JASON SNELL
Research and Development	BRETT ALLEN
	JOHN HORN
	COLETTE MULLENHOFF
ILM Executive Staff	VICKI DOBBS-BECK
	LYNWEN BRENNAN
	JANET LEWIN
Additional Visual Effects by	THE EMBASSY VISUAL EFFECTS
	WINSTON HELGASON

	STEPHEN PEPPER
	COLLEEN JENKINSON
	MICHAEL BLACKBOURN
	TRISTAM GIENI
	DAVID CASEY
Additional Visual Effects by	GHOST VFX
	JEPPE NYGAARD CHRISTENSEN
	MARTIN GÅRDELER
	IVAN KONDRUP JENSEN
	RIKKE HOVGAARD JØRGENSEN
	ESBEN SYBERG
	MIKAEL WIDEGREN
Additional Visual Effects by	FUEL VFX
	SIMON MADDISON
	DENIS SCOLAN
	ROY MALHI
	MATTHEW WYNNE
	ROMAIN BUIGNET
	CLAUDIA LECAROS
Visual Effects by	SHADE FX
VFX Supervisor	BRYAN GODWIN
VFX Producer	DAVID VAN DYKE
Compositing Supervisor	HARIMANDER SINGH KHALSA
CG Lead	CHARLIE WINTER
VFX Coordinator	SHANE STRICKMAN
Technical Supervisor	JOHN RIDDLE
VFX Production Assistant	RYAN ANDERSEN
Compositors	A. MICHAEL DOBBS
	ANDREW BARDUSK
	ERIN BOSWORTH
	DONALD STRUBLER
	FRANK FIESER
	KURT LAWSON
	MARVIN LEE
	MICHAEL BODEN
CG Artists	J. ANDRES BERKSTEIN
	ERIC MANCHA
	MARK MATTA
	DUSTIN COLSON

Alien Character and Effects Designed and Created by	LEGACY EFFECTS
Project Supervisors	SHANE MAHAN
	LINDSAY MACGOWAN
Lead Alien Character Designers	SCOTT PATTON
	IAN JOYNER
Creative Coordinator	CHRIS SWIFT
Key Artists	MIKE O'BRIEN
	KEVIN KIRKPATRICK
	DEREK ROSENGRANT
	MARK MAITRE
	JAMIE GROVE
	CHRIS GROSSNICKLE
	MARK KILLINGSWORTH
	ERICK DE LA VEGA

	KEVIN MCTURK
Mechanical Technicians	MATT HEIMLICH
	HIROSHI IKEUCHI
	JOHNNIE SPENCE
	JEFF JINGLE
	JIM KUNDIG
	RICHARD LANDON
	CHRISTIAN RISTOW
	SETH HAYS
	PATRICK GERRETY
	JAKE MCKINNON
Mold Casting Department Head	DAMIAN FISHER
Mold Casting Technicians	MIKE ROSS
	ALLAN HOLT
	JEFF DEIST
	TOM OVENSHIRE
	MIKE MCFARLANE
	STEVE MUNSON
	FRANK RYDBERG
	TONY CONTRERAS
	JAMIE SISKA
	TOMO HAYASHI
	ASHLEY BUTLER
	ANTHONY JULIO
	JAVIER CONTRERAS
	JOE GOMEZ
	MIKE WILLIAMS
	LOU DIAZ
	CRISTINA ATKIN
	DENNIS PARKER
	JARED GUENTHER
	CHRIS ZEGA
	CHRIS GRANDIN
Fabrication Department	MICHELLE DEVILLE
	MARC FREEMAN
	TAMARA CARLSON-WOODARD
	LAURA PALAZZOLO
Puppeteers	JAMIE GROVE
	JEFFREY DREW HIMMEL
	HIROSHI IKEUCHI
	MARK KILLINGSWORTH
	JIM KUNDIG
	SHANE MAHAN
	MARK MAITRE
	MARK RAPPAPORT
	CHRISTOPHER SWIFT
	JOHNNIE SPENCE
Ships and Torture Tables FX Department Head	DAVE MERRITT
Ships and Torture Tables FX Technicians	KEN CORNETT
	ANGELA NOVAK
	BRIAN CLAUS
	JAMES SPRINGHAM
	GREG APRAHAMIAN

	ERIC TUCKER
	JEFF PYLE
	DWIGHT ROBERTS
	JESSE GEE
	NICHOLAS SELDON
	ALAN GARBER
Senior Systems Engineer	JASON LOPES
Legacy Effects Coordinators	ALAN SCOTT
	JOHN ROSENGRANT
Additional Visual Effects by	THE GARAGE VFX, INC.
Visual Effects Supervisor	GAVIN MILJKOVICH
Previsualization/Postvisualization by	HALON ENTERTAINMENT LLC
Previsualization/Postvisualization Supervisor	DANIEL D. GREGOIRE
Producer	PATRICE AVERY
Previsualization/Postvisualization Artists	DARYL T. BARTLEY
	ALEXANDRE MÉNARD
	ARI TEGER
Previsualization Artists	BASEL BAZLAMIT
	JOSEPH JONES
Postvisualization Lead	MICHAEL G. JACKSON
Postvisualization Artist	JERRY ZIGOUNAKIS
Previsualization by	PERSISTENCE OF VISION
Postvisualization Lead	HUNTER CHASE
Postvisualization Artists	DUSTIN MACKAY
	NATE SMITH
Miniature Effects by	NEW DEAL STUDIOS, INC.
Digital Intermediate by	EFILM
Supervising Digital Colorist	STEVEN J. SCOTT
Digital Intermediate Producers	MIKE DILLON
	LOAN PHAN
Digital Intermediate Editor	AMY PAWLOWSKI
Second Colorists	ANDREW FRANCIS
	CHARLES BUNNAG
Color Timing Assistant	JUAN FLORES
Core Project Manager	VANESSA GALVEZ
Cinemascan Dailies Colorist	BEN ESTRADA
Cinemascan Dailies Producer	KEN LEBRE
Lab Color Timer	CHRIS REGAN
Lab Account Manager	SAJ JAYASINGHE
Account Manager’s Assistant	BRUCE FOWLER
Projectionists	RANDY OFFER
	RENE GONZALEZ
Main Titles Sequence and End Credits Design by	CUSTOM FILM EFFECTS
Avid Technician	CHAD WILKERSON
Editing Systems Supplied by	SPLICE, INC.

Filmed at
Ghost Ranch, Abiquiu, New Mexico
Bonanza Creek Ranch, New Mexico

The Producers Wish to Thank
The New Mexico Film Office
Imogene Hughes
Army Corps of Engineers, Abiquiu Section
Guillermo del Toro
Ina Treciokas

"Apache War Dance" Written and Performed by the Mescalero Apache Tribe

SOUNDTRACK ON BACK LOT MUSIC and VARÈSE SARABANDE

AMERICAN HUMANE ASSOCIATION MONITORED THE ANIMAL ACTION.
NO ANIMALS WERE HARMED®.
(AHAD 02521) (Add Logo)

FILMED WITH PANAVISION CAMERAS AND LENSES (Logo)

DATASAT Logo SDDS Logo Dolby Digital Logo

MPAA Certificate # 46934 Logo IATSE Logo

COPYRIGHT © 2011 UNIVERSAL STUDIOS and DREAMWORKS II DISTRIBUTION CO., LLC
All Rights Reserved.

Animated Universal Studios Logo © 1997 Universal Studios
Universal Studios and DreamWorks II Distribution Co., LLC are the authors of this motion picture for purposes of the Berne Convention and all national laws giving effect thereto.

THE DEPICTIONS OF TOBACCO SMOKING CONTAINED IN THIS FILM ARE BASED SOLELY
ON ARTISTIC CONSIDERATION AND ARE NOT INTENDED TO PROMOTE TOBACCO CONSUMPTION. THE U.S. SURGEON GENERAL HAS DETERMINED THAT THERE ARE SERIOUS HEALTH RISKS ASSOCIATED WITH SMOKING AND SECONDHAND SMOKE.

THE CHARACTERS AND EVENTS DEPICTED IN THIS PHOTOPLAY ARE FICTITIOUS. ANY SIMILARITY TO ACTUAL PERSONS, LIVING OR DEAD, IS PURELY COINCIDENTAL.

THIS MOTION PICTURE IS PROTECTED UNDER THE LAWS OF THE UNITED STATES AND OTHER COUNTRIES. UNAUTHORIZED DUPLICATION, DISTRIBUTION OR EXHIBITION MAY RESULT IN CIVIL LIABILITY AND CRIMINAL PROSECUTION.

MPAA Code Classification: PG-13

Universal Tour Logo

Credits as of June 30, 2011.